

Converting Colors

XYZ(55.0715, 65.8015, 23.8347)

Have a look what the booklet for
XYZ(55.0715, 65.8015, 23.8347)
contains.

XYZ(54.8493, 65.5735, 23.6760)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.8493, 65.5735,
23.6760)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DB6B
RGB	211, 219, 107
RGB Percent	83%, 86%, 42%
CMY	0.1726, 0.1412, 0.5804
CMYK	0.04, 0.00, 0.51, 0.14
HSL	64°, 61%, 64%
HSV	64°, 51%, 86%
XYZ	54.8493, 65.5735, 23.6760
YIQ	203.8400, 31.1840, -36.5280

Conversions

Conversions Part 2

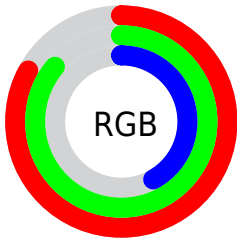
Format	Color
RYB	107, 219, 115
Decimal	13884267
CIELab	84.78, -18.11, 53.49
CIElCh	85, 56.473, 108.709
Yxy	65.5735, 0.3806, 0.4551
Android (android.graphics.Color)	4292074347 (0xFFD3DB6B)
YUV	203.8400, -47.7421, 6.2793
Hunter-Lab	80.9775, -20.8053, 39.3492

Details

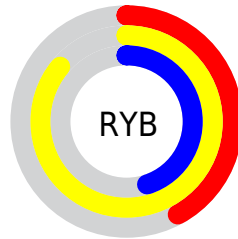
The XYZ color **54.8493, 65.5735, 23.6760** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.1165, 19.2763, 69.4188**, and the grayscale version is **57.5731, 60.5714, 65.9623**.

A 20% lighter version of the original color is **83.4330, 95.3532, 47.7258**, and **27.2677, 33.6873, 8.5552** is the 20% darker color. If you saturate the color by 10%, you get **53.3943, 64.9423, 18.3366**, and if you desaturate by 10%, it is **56.6036, 66.3297, 30.5549**.

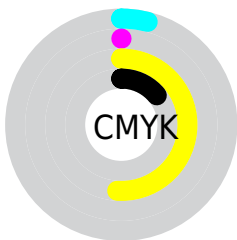
Distribution



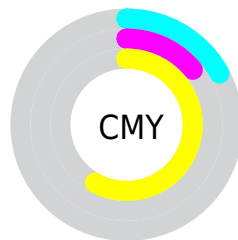
- Red (83%)
- Green (86%)
- Blue (42%)



- Red (42%)
- Yellow (86%)
- Blue (45%)



- Cyan (4%)
- Magenta (0%)
- Yellow (51%)
- Black (14%)



- Cyan (17%)
- Magenta (14%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8493, 65.5735, 23.6760 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 54.8493, 65.5735, 23.6760 by changing the saturation by 10% instead.

■ 54.8493, 65.5735,
23.6760

■ 54.8493, 65.5735,
23.6760

395.4861,
444.8500, 284.4119

■ 39.5144, 47.9263,
14.8835

■ 96.4697, 112.8740,
50.4381

■ 27.3427, 33.7685,
8.5919

■ 123.4860,
143.2960, 69.2448

■ 17.9687, 22.7158,
4.3828

■ 155.1268,
178.7451, 92.2267

■ 11.0271, 14.3838,
1.8376

■ 191.7575,
219.6056, 119.8022

■ 6.1525, 8.3881,
0.4526

233.7434,
266.2620, 152.3900

■ 2.9795, 4.3443,
0.0000

281.4499,

■ 1.1430, 1.8679,

319.0985, 190.4085

0.0000

335.2424,
378.4998, 234.2763

0.0606, 0.5290,
0.0000

0.0000, 0.0000,
0.0000

54.8493, 65.5735,
23.6760

54.8493, 65.5735,
23.6760

53.3943, 64.9423,
18.3366

56.6036, 66.3297,
30.5549

52.2113, 64.4181,
14.4144


58.6727, 67.2099,
39.0753


51.2763, 63.9935,
11.7749


61.0765, 68.2245,
49.3352

50.5585, 63.6563,
10.2564


63.8319, 69.3802,
61.4236


 50.0572, 63.4119,
9.6014

 66.9547, 70.6834,
75.4237

 70.4597, 72.1401,
91.4133

 73.4944, 73.4091,
104.9035

 73.9761, 73.6574,
104.9261

 74.4622, 73.9080,
104.9488

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.2072, 65.5735, 22.5767



54.8493, 65.5735, 23.6760



45.7875, 65.5735, 34.6078

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.8493, 65.5735, 23.6760



47.6219, 65.5735, 137.5189



89.3313, 65.5735, 85.9148

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54.8493, 65.5735, 23.6760



25.1165, 19.2763, 69.4188

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4320, 65.5735, 127.8942



54.8493, 65.5735, 23.6760



57.6863, 65.5735, 163.7376

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.8493, 65.5735, 23.6760



42.0207, 65.5735, 96.1371



70.4523, 65.5735, 159.7173



88.3006, 65.5735, 51.3155

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.8493, 65.5735, 23.6760



42.3095, 65.5735, 48.9860



70.4523, 65.5735, 159.7173



87.8288, 65.5735, 99.7773

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54.8509, 65.5765, 23.6774



88.4931, 97.2619, 79.5846



37.9396, 28.2635, 17.3665



18.7643, 20.7439, 16.2586



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.8509, 65.5765, 23.6774



75.3006, 91.6412, 25.6373



41.6080, 58.7496, 23.0576



14.0656, 15.2140, 13.9208



29.7193, 37.6183, 5.6947



1.9534, 2.4516, 0.3702

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



25.1165, 19.2763, 69.4188



29.0561, 19.5808, 96.8558



34.7246, 24.2295, 69.8684



12.4245, 12.6614, 16.4412



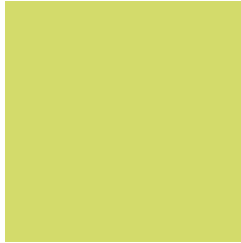
7.7388, 3.1137, 39.9315



0.5322, 0.2176, 2.5884

Previews

White Background



This preview shows how the XYZ color 54.8493, 65.5735, 23.6760 looks on a white background.

Color Contrast Check

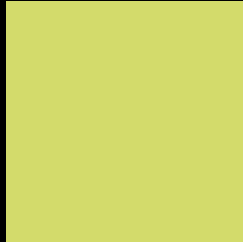
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 54.8493, 65.5735, 23.6760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

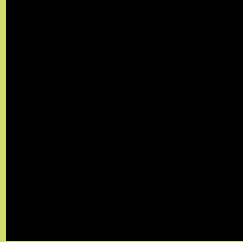
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8493, 65.5735, 23.6760

Background



This preview shows how black text looks on a background with the XYZ color 54.8493, 65.5735, 23.6760.



This preview shows how white text looks on a background with the XYZ color 54.8493, 65.5735,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

54.8493, 65.5735, 23.6760

Protanopia

60.0250, 65.5993, 22.8629

Deuteranopia

66.1264, 65.0074, 28.8011



Tritanopia

65.8220, 65.1583, 78.9197

Trichromacy



Original Color

54.8493, 65.5735, 23.6760

Protanomaly

58.2660, 65.8102, 23.2674

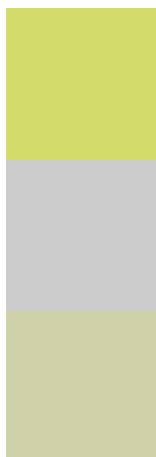
Deuteranomaly

61.4823, 64.7944, 26.7189

Tritanomaly

60.8482, 64.9848, 53.0523

Monochromacy



Original Color

54.8493, 65.5735, 23.6760

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.6940, 61.7309, 46.5160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8493, 65.5735, 23.6760 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(211, 219, 107)` looks like.

```
.text, #text, p{  
    color:rgb(211, 219, 107)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(211, 219, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 219, 107) }
```

Border

The CSS property to change the border of an element to XYZ 54.8493, 65.5735, 23.6760 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(211, 219, 107) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(211, 219, 107) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(211, 219, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 219, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 219, 107);  
box-shadow:4px 4px 4px 4px rgb(211, 219,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8493, 65.5735, 23.6760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 219, 107) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(211,  
219, 107) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor